

**ABSTRACT OF THE DISCLOSURE**

[0046] A system and method are disclosed for transparent adjustment of a network node timing component. A system incorporating teachings of the present disclosure may include, for example, a housing component at least partially defining an external surface and an internal cavity. A broadband modem component may be at least partially located within the internal cavity along with a home networking mechanism, which may be communicatively coupled to the broadband modem. In operation, the home networking mechanism may facilitate providing a home network node with access to a backhaul enabled by the broadband modem. A processor may also be located within the internal cavity and may be communicatively coupled to the broadband modem and to a memory. In some embodiments, the memory may store instructions that direct the processor to, among other things, embody a web server, receive a timing signal from a remote Public Internet time code protocol server, and communicate time information representing the timing signal to a home network node via the home networking mechanism.